

10/586607

IAP11 Rec'd PCT/PTO 19 JUL 2006

Docket No. 293159US3PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Tetsuya KOHNO, et al.

SERIAL NO: New US PCT Application Based on PCT/IB05/00195

GAU:

FILED: Herewith

EXAMINER:

FOR: DIFFERENTIAL GEAR UNIT

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 293159US3PCT		SERIAL NO. New US PCT Application Based on PCT/IB05/00195	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Tetsuya KOHNO, et al.			
FILING DATE Herewith				GROUP			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	AA	5 951 431	9/14/1999	DOWNS et al.			
	AB	3 901 103	8/26/1975	HUFSTADER			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO	101 41 995	4/3/2003	DE			NO
	AP	89 10501	11/2/1989	WO			NO
	AQ	1 433 978	6/30/2004	EP			NO
	AR	58 144141	9/28/1983	JP			NO
	AS	2003 294109	10/15/2003	JP (with English abstract)			NO
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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New U.S. PCT Application Based on PCT/IB05/00195

Tetsuya KOHNO, et al.

Docket No. 293159 US

STATEMENT OF RELEVANCY

- 1) References AA, AB, and AO-AR have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References have been cited in the corresponding Search Report. A copy of these references is being submitted herewith.
- 3) References are discussed in the specification. A copy of these references is being submitted herewith.
- 4) Reference AS is additional prior art known to Applicant. A copy of this reference is being submitted herewith.

(AR) JP (U) 58-144141-

A differential unit has a non-divisional type differential case, simple type four-pinions with pinion shafts instead of two-pinions with a pinion shaft, and etc. The four-pinions shafts are composed by a main shaft and auxiliary shaft, and are supported by the differential case. The four-pinions shafts have a shape of the cross. At the ends of the auxiliary shaft, anti-slip down means are provided.

(AS) JP (A) 2003-294109-

The differential limiting device is composed to generate differential limiting force between the differential case of a differential device provided with a pair of a right and a left side gears and the side gears. The side gears are bevel-engaged with both sides of a pinion gear journaled to a pinion shaft disposed perpendicular to a rotation shaft of the differential case for taking out driving force that is differentially distributed. The differential case is composed in an integrated structure having a hole in a circumferential case. The hole is composed in such a form, including longer sides and shorter sides, for example, that at least the pinion gear and the differential limiting member can pass. By boring the hole of the minimum size necessary, strength of the differential case is secured, while the differential case of an integrated form for assembling the differential limiting member can be employed.